

Jacob Brashear EIT MBA • (304) 539.8902 • jacob.brashear@gmail.com

Highly motivated Engineer with diverse experience conducting performance assessments and interpreting data to resolve issues and increase efficiency in various processes.

WORK EXPERIENCE

Patriot Coal Corporation

Coal Preparation Plant Technician/Floor Walker

Midland Trail Energy, Tad, WV | June 2015-October 2015

- Inspected preparation plant equipment and troubleshoot for issues
- Operated equipment on and around preparation plant site
- Performed maintenance on plant equipment ensuring proper operation and performance

Coal Preparation Engineer

Patriot Coal Corporation, Scott Depot, WV | November 2014-June 2015

- Revitalized and managed key performance indicators that monitor plant health
- Managed production statistics from both underground and surface operations
- Developed spreadsheets to organize, store, and make sense of incoming data

Operations Trainee

Highland Mining Company, Waverly, KY | July 2014-November 2014

- Performed production and maintenance time studies
- Managed a contractor crew performing cleanup work on loadout facilities
- Assisted in day-to-day operations at Highland Mine and Camp 9 Preparation Plant
- Performed cost analyses to determine the payback period on investments

INTERNSHIPS

MBA Project Connect

Project Connect Team Member/MBA Candidate

UK Gatton College of Business and Economics | August 2013 - April 2014

- Conducted market research on Ryder products
- Collaborated with Project Connect Team
- Analyzed and managed data metrics
- Developed best practices based on research and presented findings
- Served as Project Team Lead for Project Connect Team (Supply Chain)

INTERNSHIPS CONTINUED

Alpha Natural Resources

Engineering Office, SurvCADD Technician, Ground Control Technician

Black Mountain Resources, Benham, KY | May – August 2012

- Performed pillar sizing and stability analysis utilizing ground control software
- Assisted in underground surveying as a rodman and as a spad setter

General Maintenance, Lab Technician and Equipment Operator

Enterprise Mining Roxana Preparation Plant, Roxana, KY | May – August 2011

- Collected raw, clean, and refuse samples from the fine coal circuit
- Analyzed the coal samples to determine ash and sulfur content
- Operated light and heavy equipment and performed routine plant maintenance

Outby Crew

Enterprise Mining, Mine #9 Underground Operation, Red Fox, KY | May – August 2010

- Performed general maintenance and necessary functions, such as shoveling belt line
- Developed relationships with crewmembers

EDUCATION

Masters of Business Administration: University of Kentucky | May 2014

GPA: 3.784

Bachelors of Science in Mining Engineering: University of Kentucky | May 2013

GPA: 3.338

SKILLS & CERTIFICATIONS

- LeanCor Lean Six-Sigma Green Belt
- AutoCAD (Carlson SurvCADD)
- Microsoft Office Suite (Word, Excel, Powerpoint, etc.)
- NIOSH Software & LaModel
- Certified Kentucky Experienced Surface Miner (45 day card)
- Certified Kentucky Experienced Underground Miner (45 day card)
- Engineer In Training Certification (EIT)